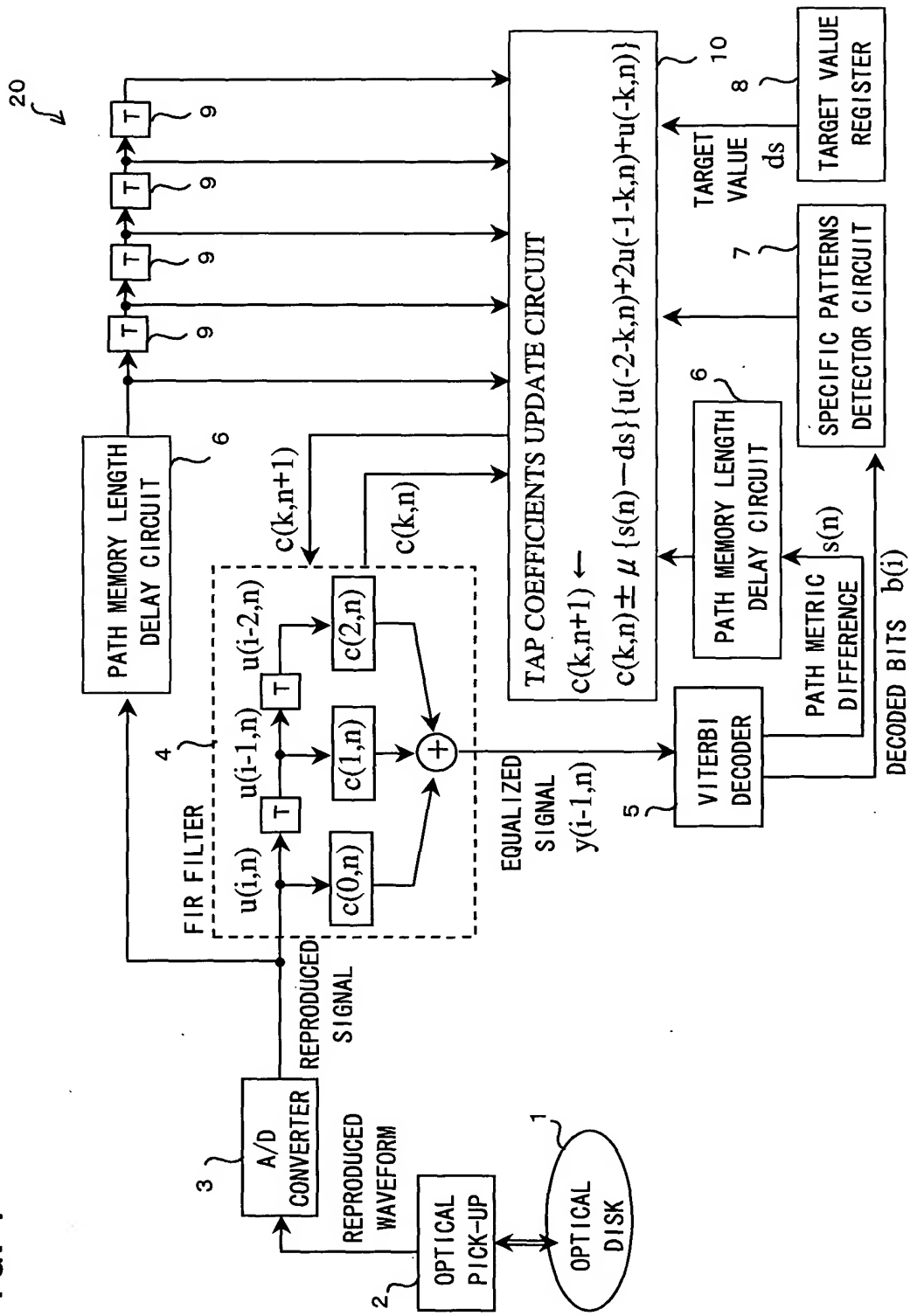


FIG. 1



# FIG. 2

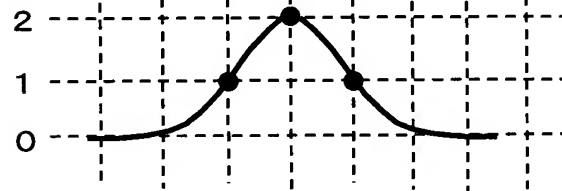
DATA BIT PATTERN

0 0 0 1 0 0 0 0

RECORDED MARK



REPRODUCED SIGNAL  
AND SAMPLE LEVEL



# FIG. 3

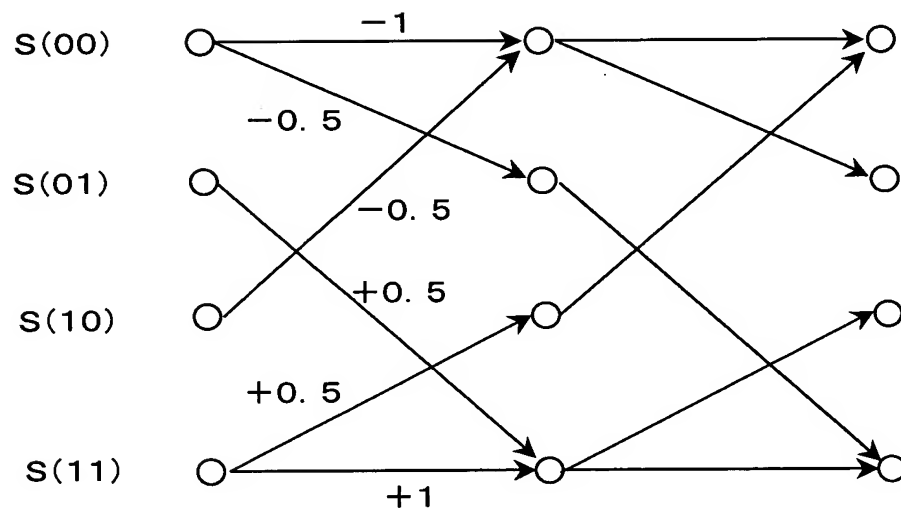


FIG. 4

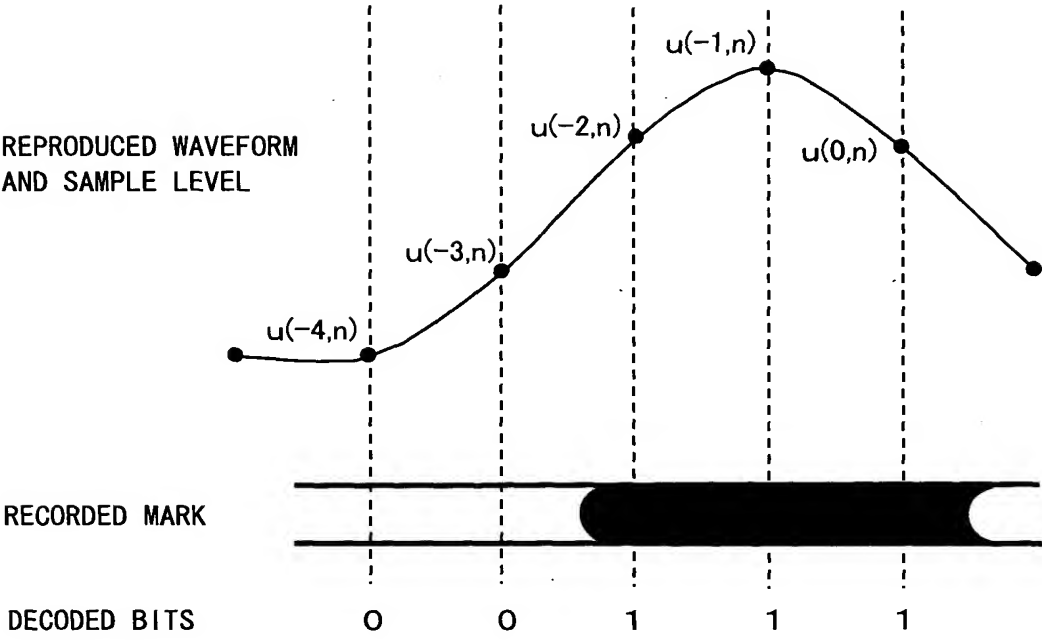


FIG. 5(a)

HISTOGRAM OF PATH METRIC DIFFERENCE FROM IDEAL WAVEFORM

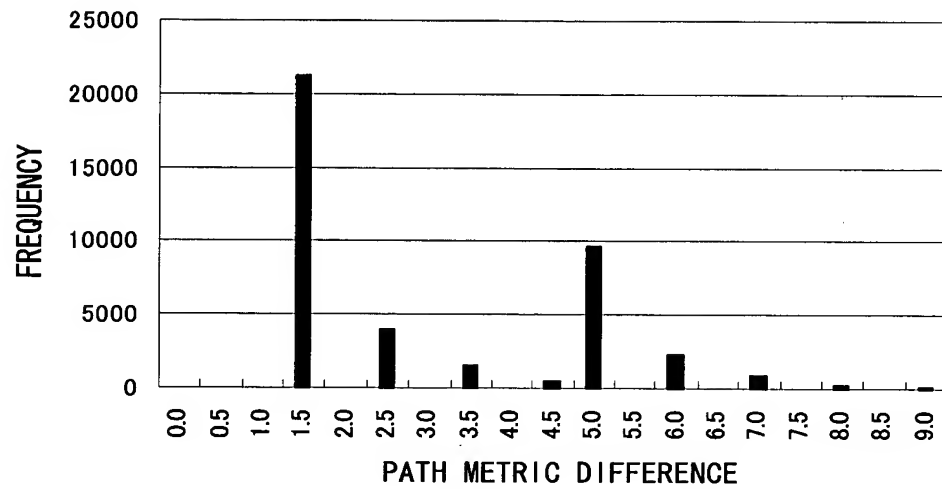


FIG. 5(b)

HISTOGRAM OF PATH METRIC DIFFERENCE FROM ACTUAL WAVEFORM

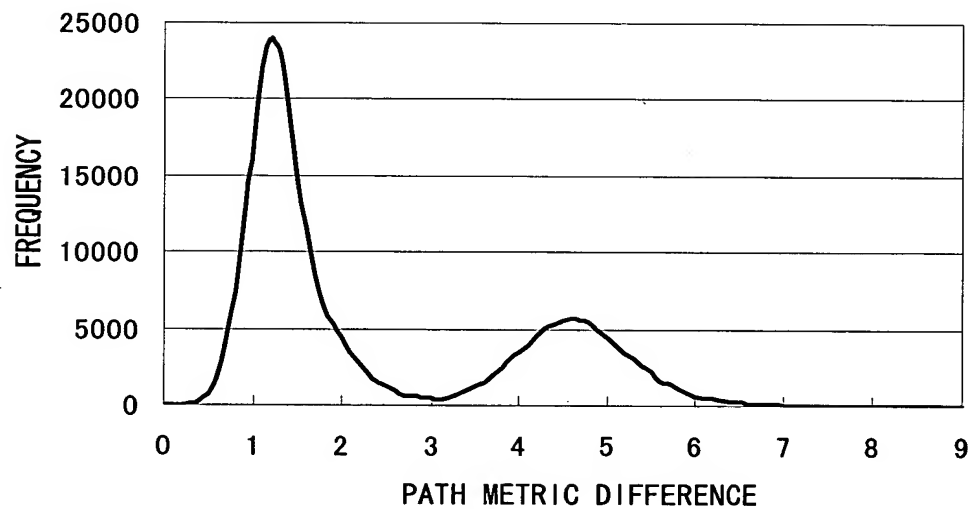


FIG. 6

IDEAL PATH METRIC DIFFERENCE	BIT PATTERN
1.5	0 0 1 1 1
	1 1 0 0 0
	0 0 0 1 1
	1 1 1 0 0
2.5	0 0 0 1 1 0 0
	1 1 1 0 0 1 1
3.5	0 0 0 1 1 0 0 1 1
	1 1 1 0 0 1 1 0 0
4.5	0 0 0 1 1 0 0 1 1 0 0
	1 1 1 0 0 1 1 0 0 1 1
5.0	0 0 0 0 0 0
	1 1 1 1 1 1
	0 0 1 1 1 1
	1 1 0 0 0 0
	0 0 1 1 0 0 1 1 0 0 1 1
	1 1 0 0 1 1 0 0 1 1 0 0
6.0	0 0 0 1 1 1 1 1
	1 1 1 0 0 0 0 0
7.0	0 0 0 1 1 0 0 0 0 0
	1 1 1 0 0 1 1 1 1 1
8.0	0 0 0 1 1 0 0 1 1 1 1 1
	1 1 1 0 0 1 1 0 0 0 0 0
9.0	0 0 1 1 0 0 1 1 0 0 1 1 1 1 1
	1 1 0 0 1 1 0 0 1 1 0 0 0 0 0
	0 0 0 1 1 0 0 1 1 0 0 0 0 0
	1 1 1 0 0 1 1 0 0 1 1 1 1 1

FIG. 7

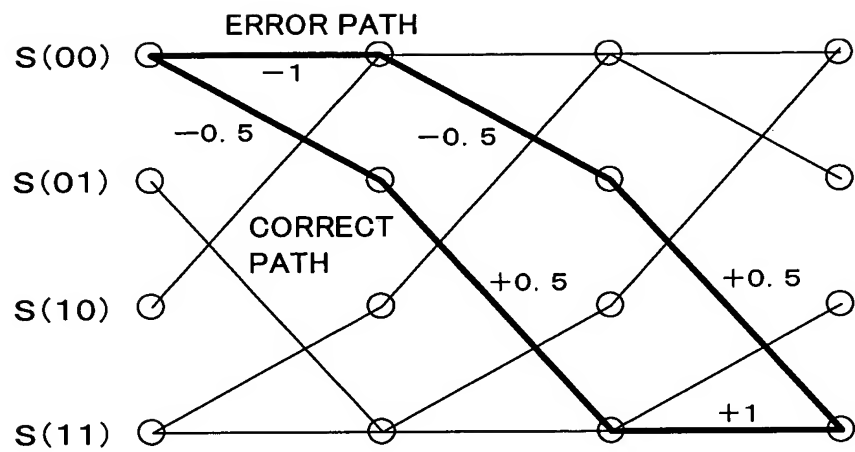


FIG. 8

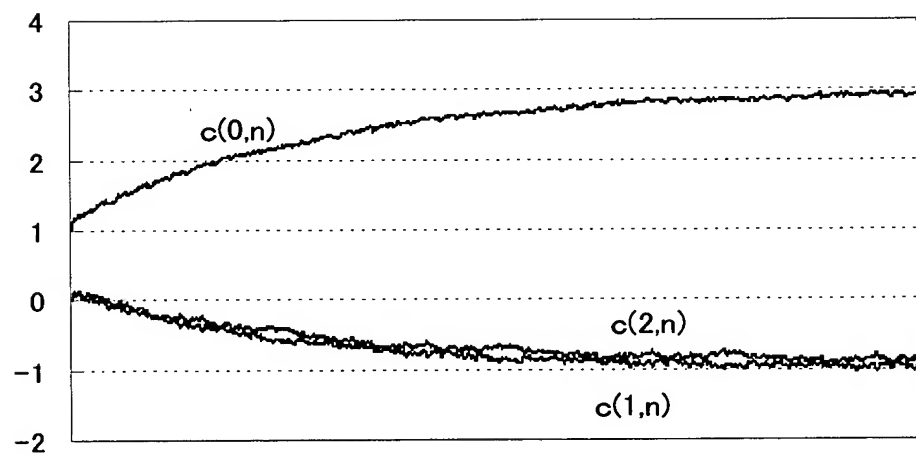


FIG. 9

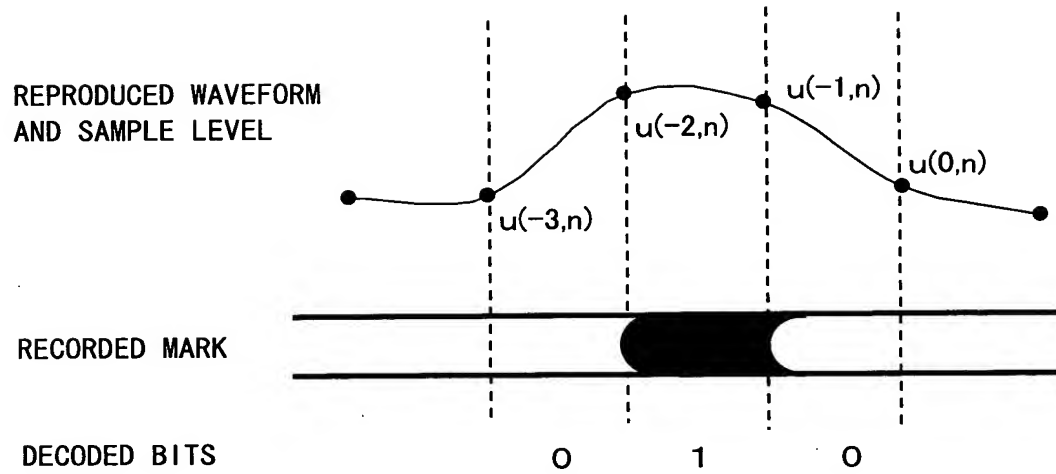


FIG. 10

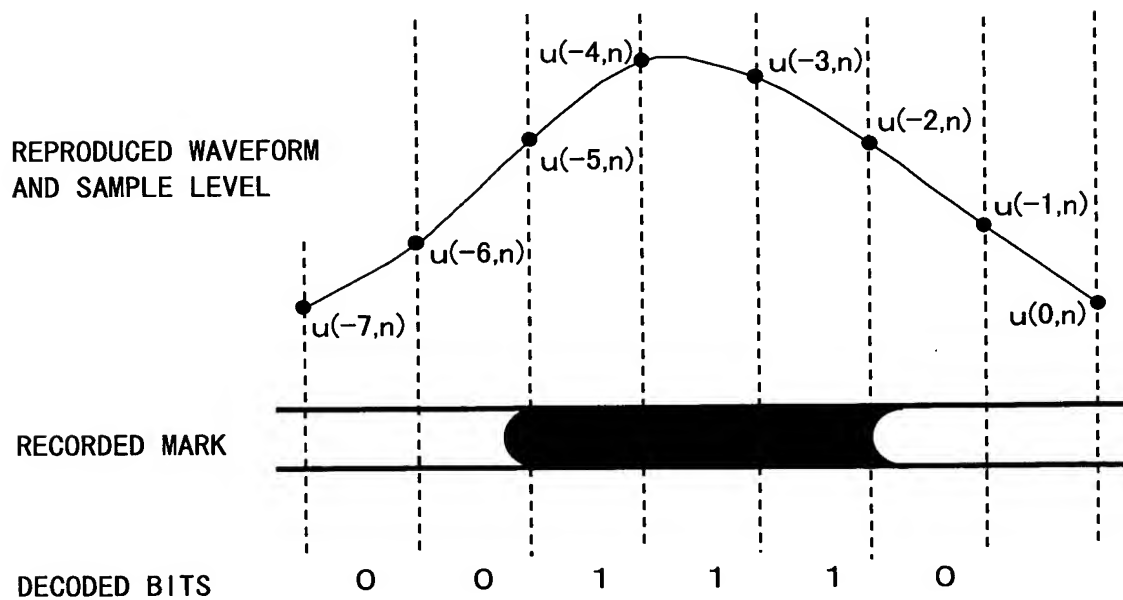


FIG. 11

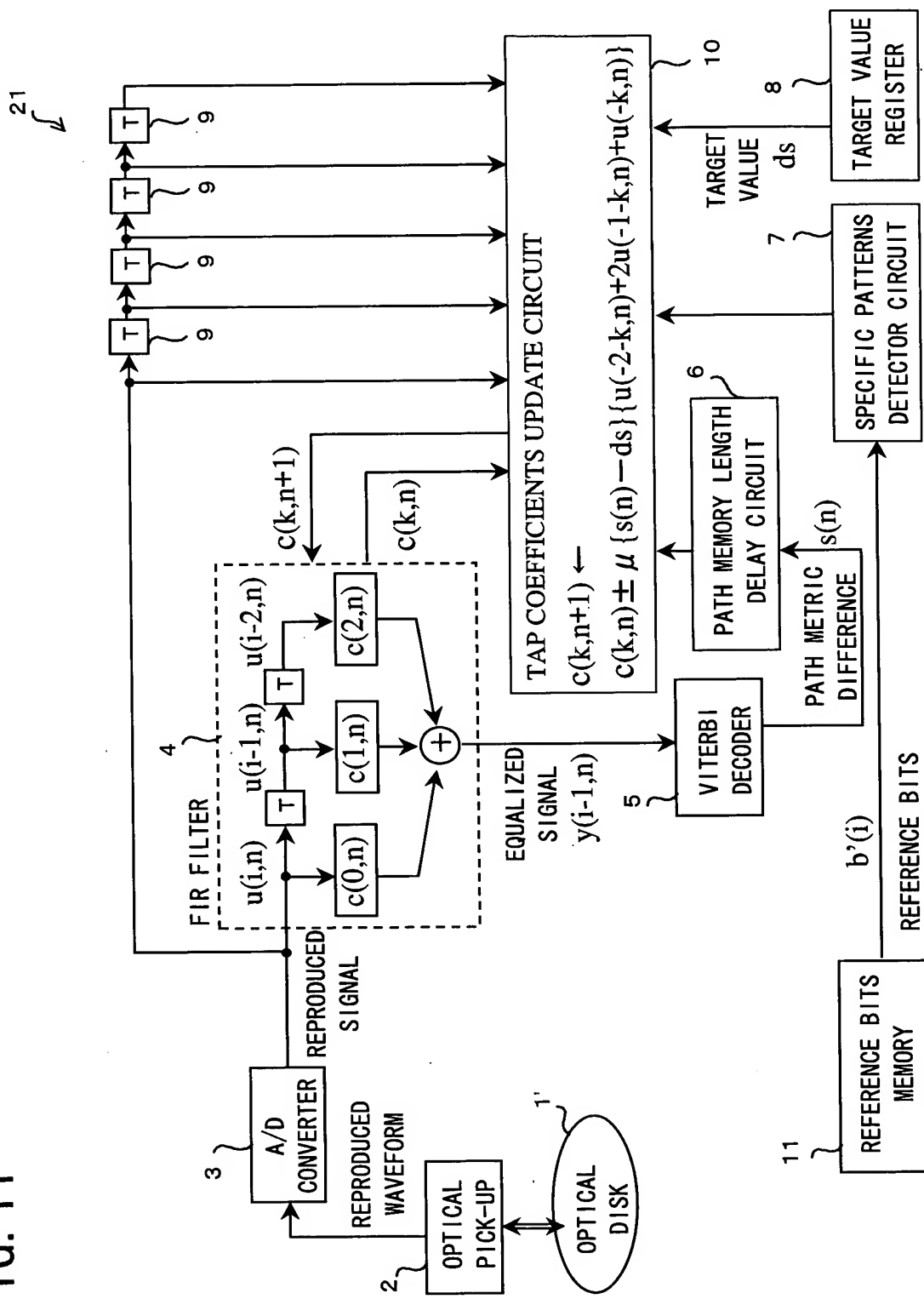




FIG. 12

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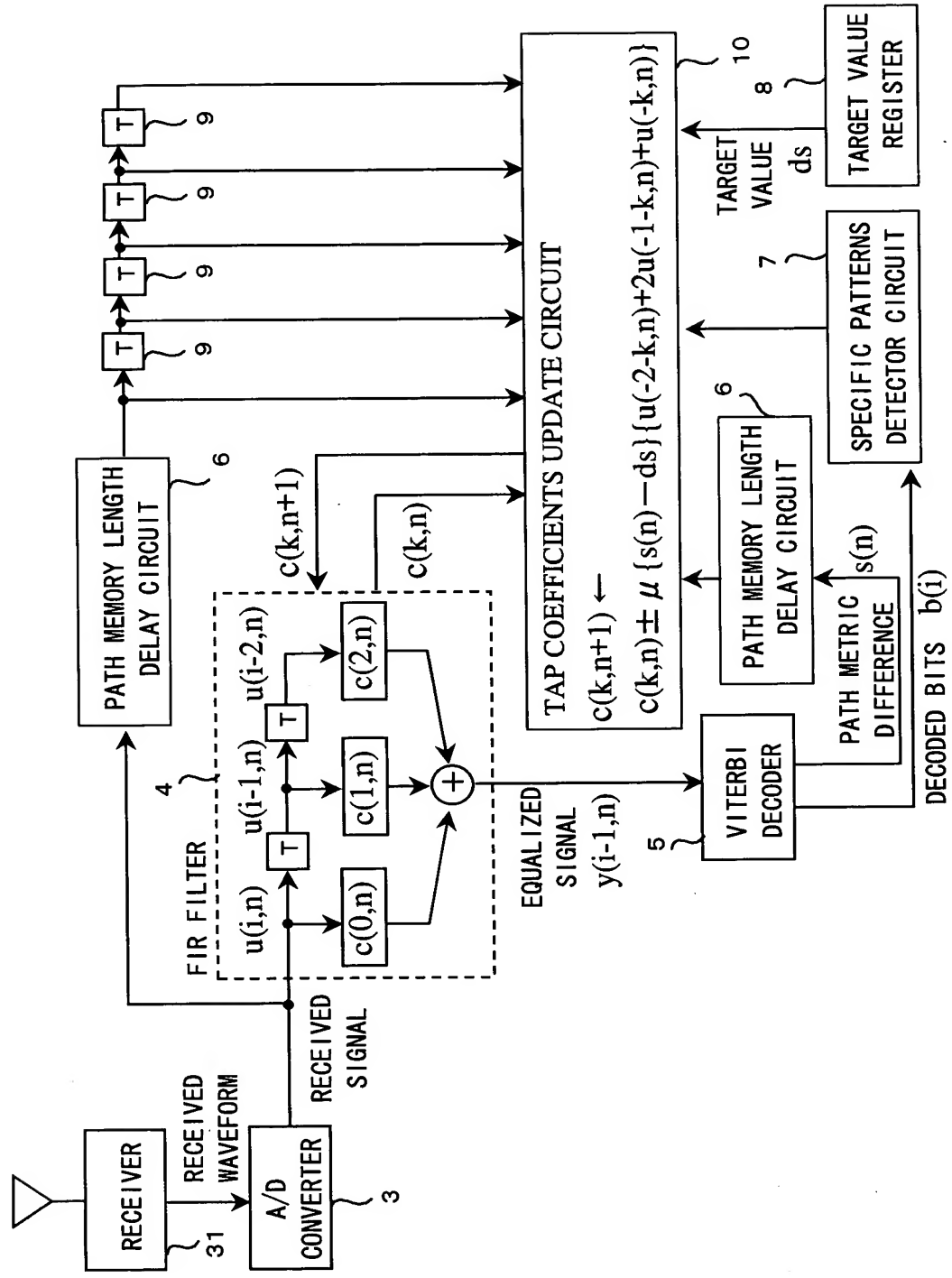


FIG. 13 PRIOR ART

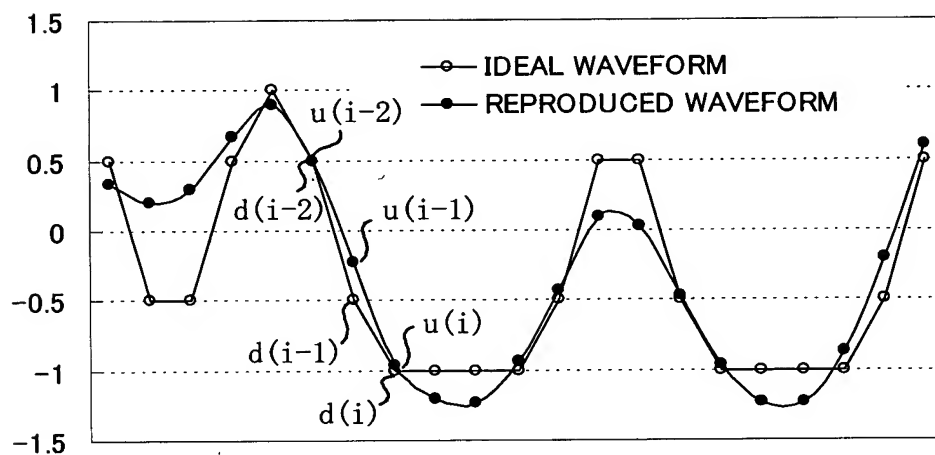


FIG. 14 PRIOR ART

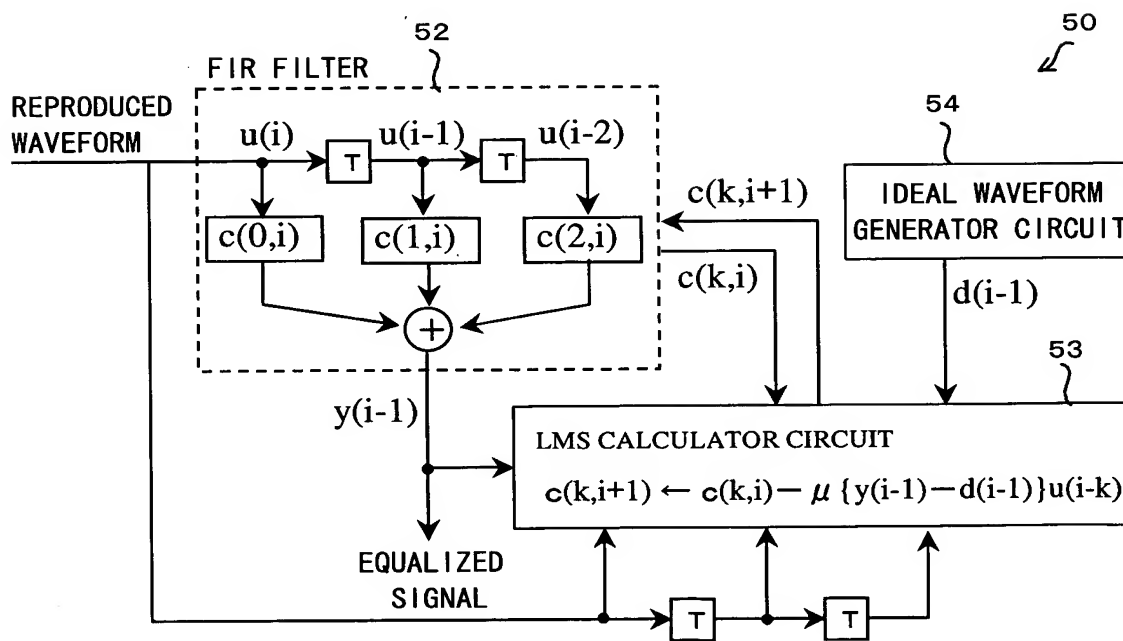


FIG. 15

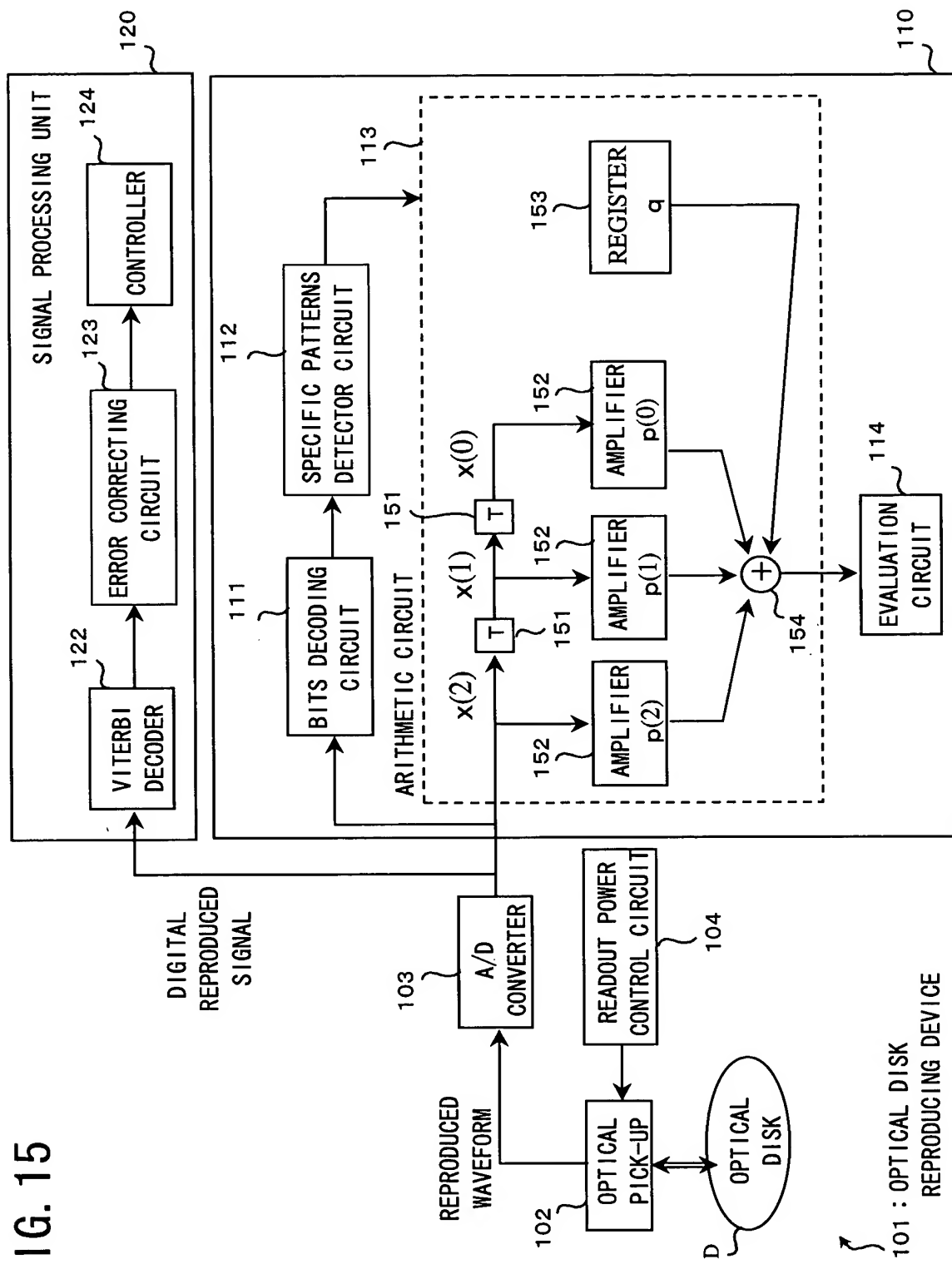


FIG. 16

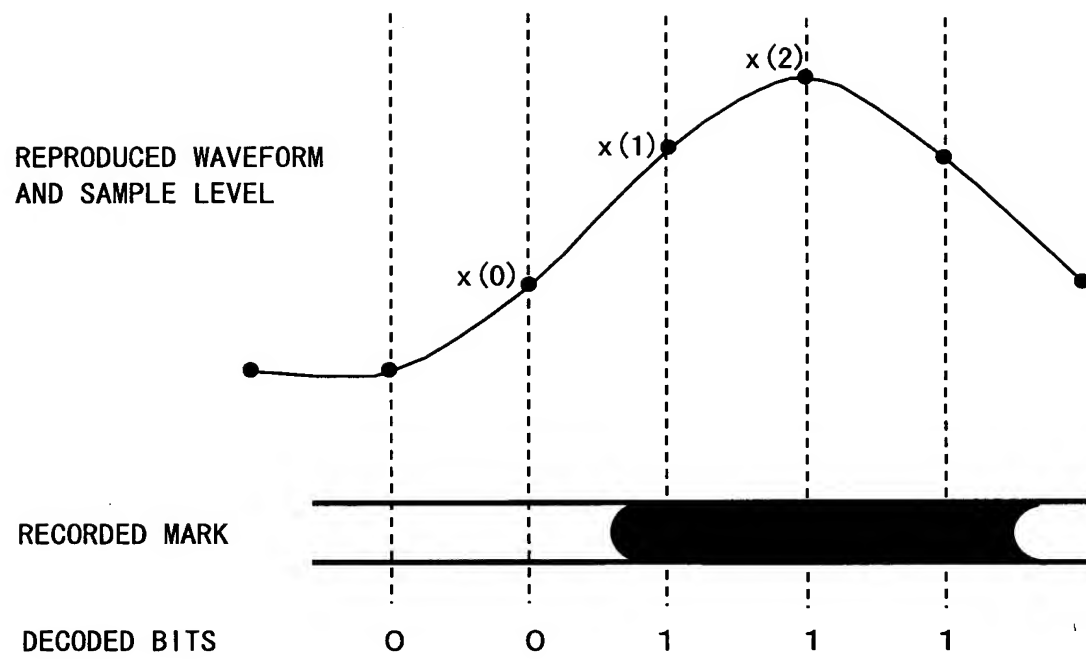


FIG. 17

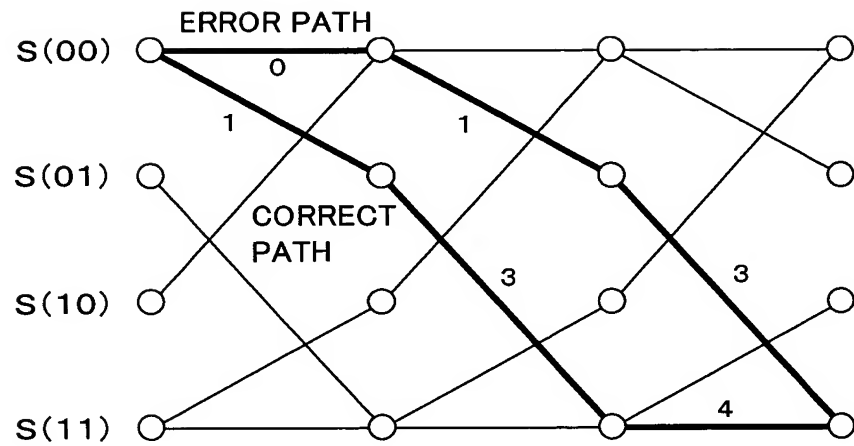


FIG. 18

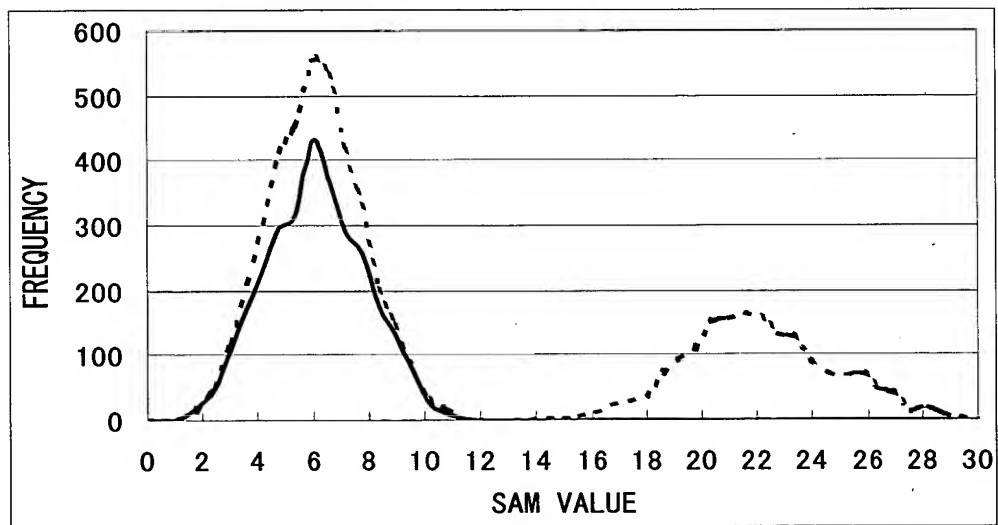


FIG. 19

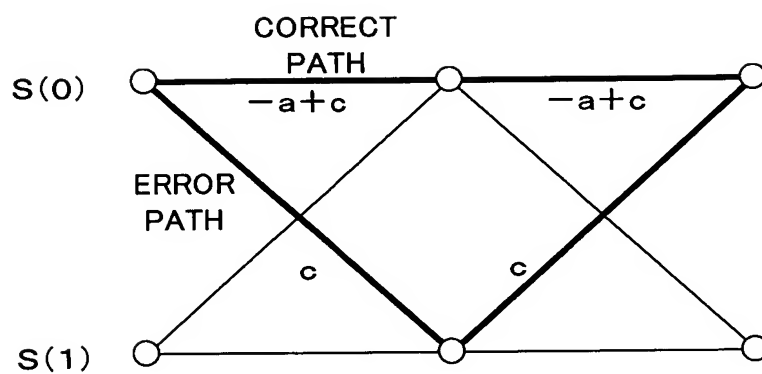


FIG. 20

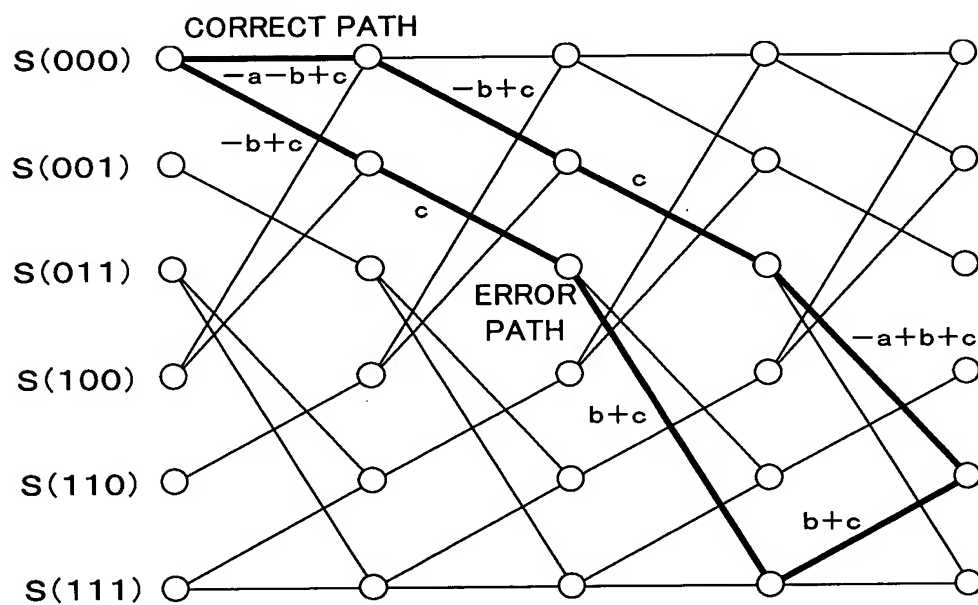


FIG. 21

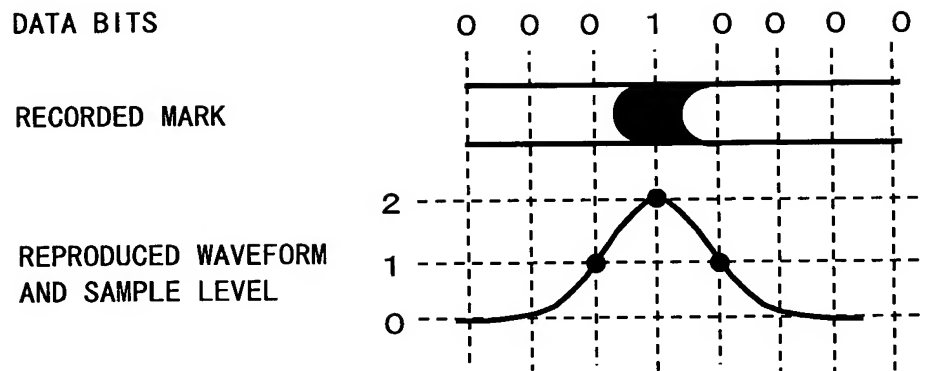


FIG. 22

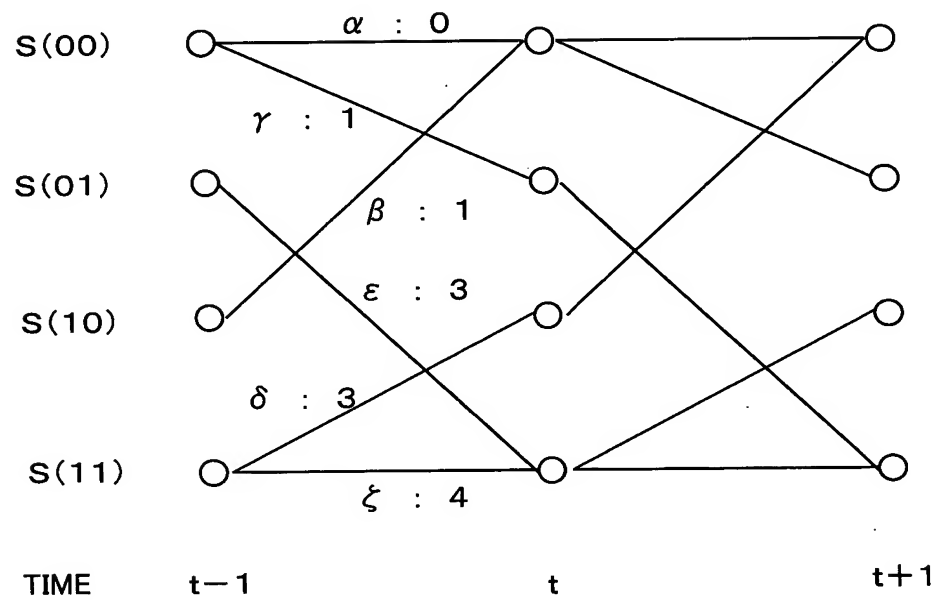


FIG. 23

HISTOGRAM OF PATH METRIC DIFFERENCE FROM ACTUAL WAVEFORM

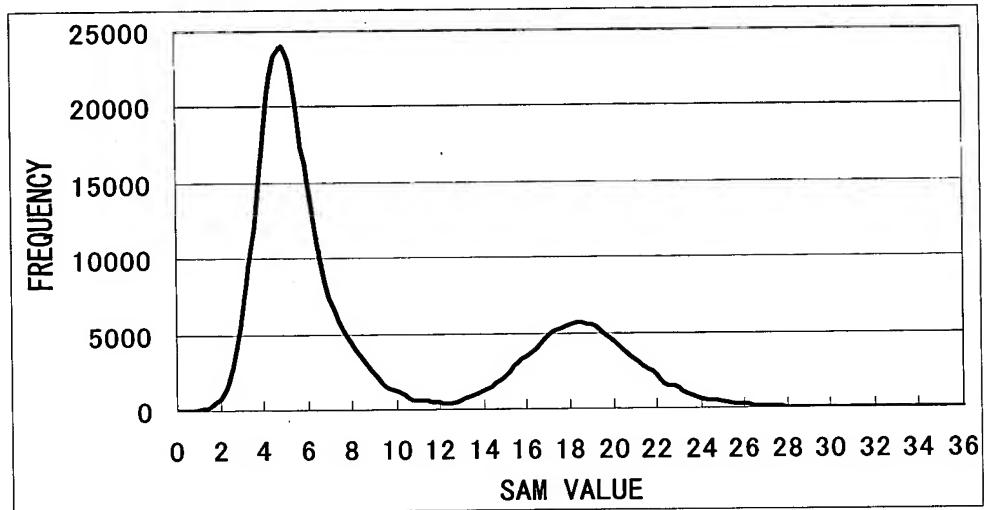


FIG. 24

HISTOGRAM OF PATH METRIC DIFFERENCE FROM IDEAL WAVEFORM

